Met Office

Annual 2017

The following represents an assessment of the weather experienced across the UK during 2017 and how it compares with the 1981 to 2010 average.

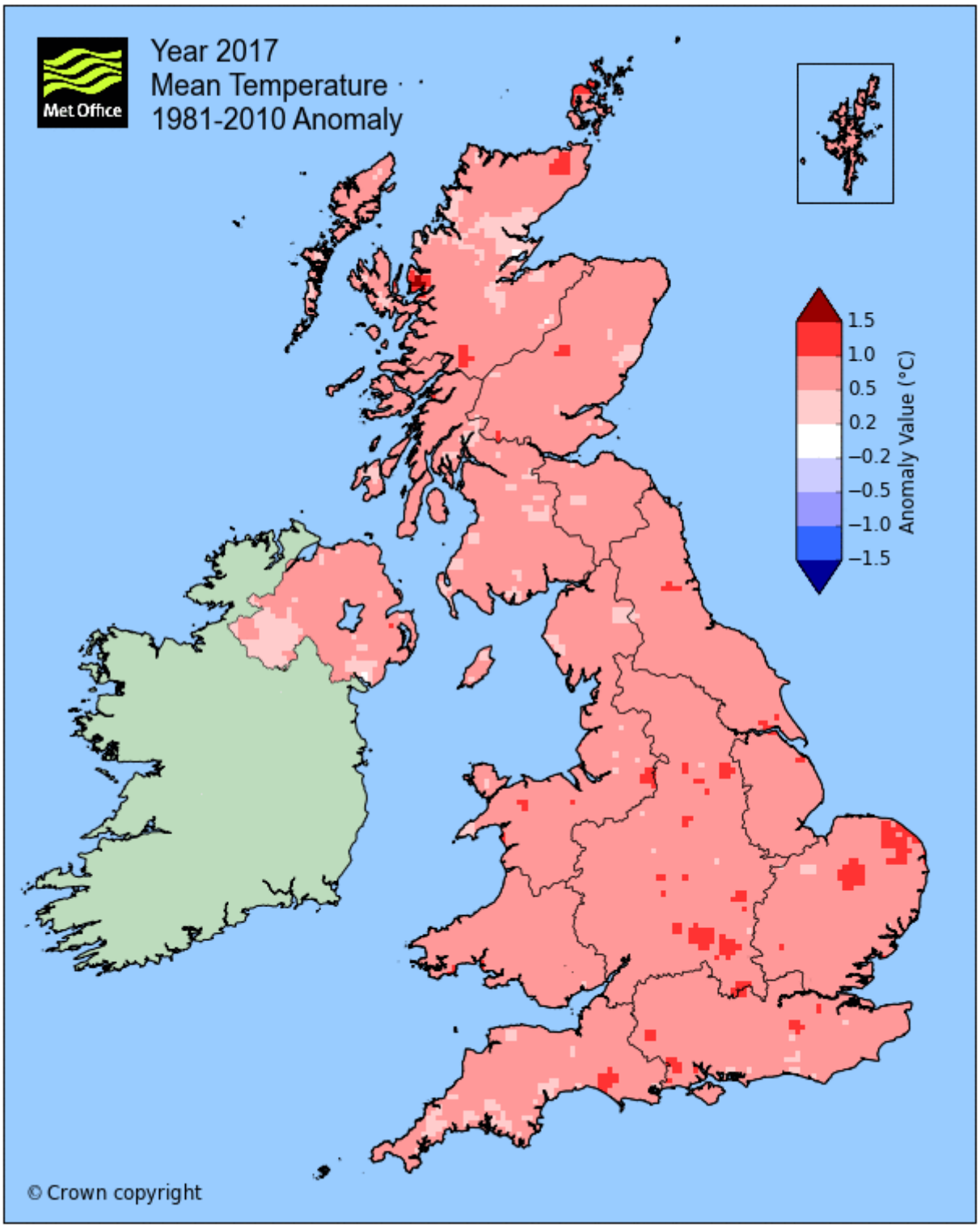
The year as a whole was rather warmer than average for the UK. The months from February to June were all warmer than average, whereas the second half of the year saw temperatures nearer to average with the exception of a warm October. UK-average anomalies in February, March, May, June and October were all well in excess of +1 °C, and mid-June saw a significant hot spell. The coolest months relative to average were August and November. Most places were within 10% of the yearly average for rainfall; it was rather drier across central and northern Scotland and many central and southern parts of England, but somewhat wetter in west Wales and north-west England. Sunshine was above average in the north and east, but slightly below average in some western fringes. Notable extreme weather events during the year included Storm Doris in February and flash flooding in Coverack, Cornwall in July; autumn and early winter saw occasional notable storm systems, and widespread snow fell over Wales and central England on December 10th. The hot spell in June saw the highest temperatures in that month for over 40 years, and, unusually, brought temperatures above 30 °C somewhere in the UK five days in a row.

The UK mean temperature for 2017 was 9.6 °C, which is 0.7 °C above the 1981-2010 long-term average, ranking as the fifth warmest year in the historical UK series since 1910. It was about a quarter of a degree warmer than 2016. The spring was the equal-warmest on record, with 2011.

The UK rainfall total for 2017 was 1124 mm, which is 97% of the 1981-2010 average. No individual regions were as much as 10% above or below their long-term average rainfall totals for the year. January and April were notably drier than average, but June to September were all rather wet, most especially June.

2017 was a slightly sunnier than average year for the UK as a whole, with north-east England sunniest relative to average. Sunnier-than-average months included January, March, May, November and December, whereas February and October were dull.

UK statistical summary		
Mean temperature	Rainfall	Sunshine
The mean value is 9.6 °C, which is 0.7 °C above the 1981-2010 average.	The total is 1124 mm, which is 97% of the 1981-2010 average.	The total is 1374 hours, which is exactly 100% of the 1981-2010 average.


Met Office
Year 2017
Mean Temperature
1981-2010 Anomaly
1.5
1.0
0.5
0.2
−0.2
−0.5
−1.0
−1.5
Anomaly Value (°C)
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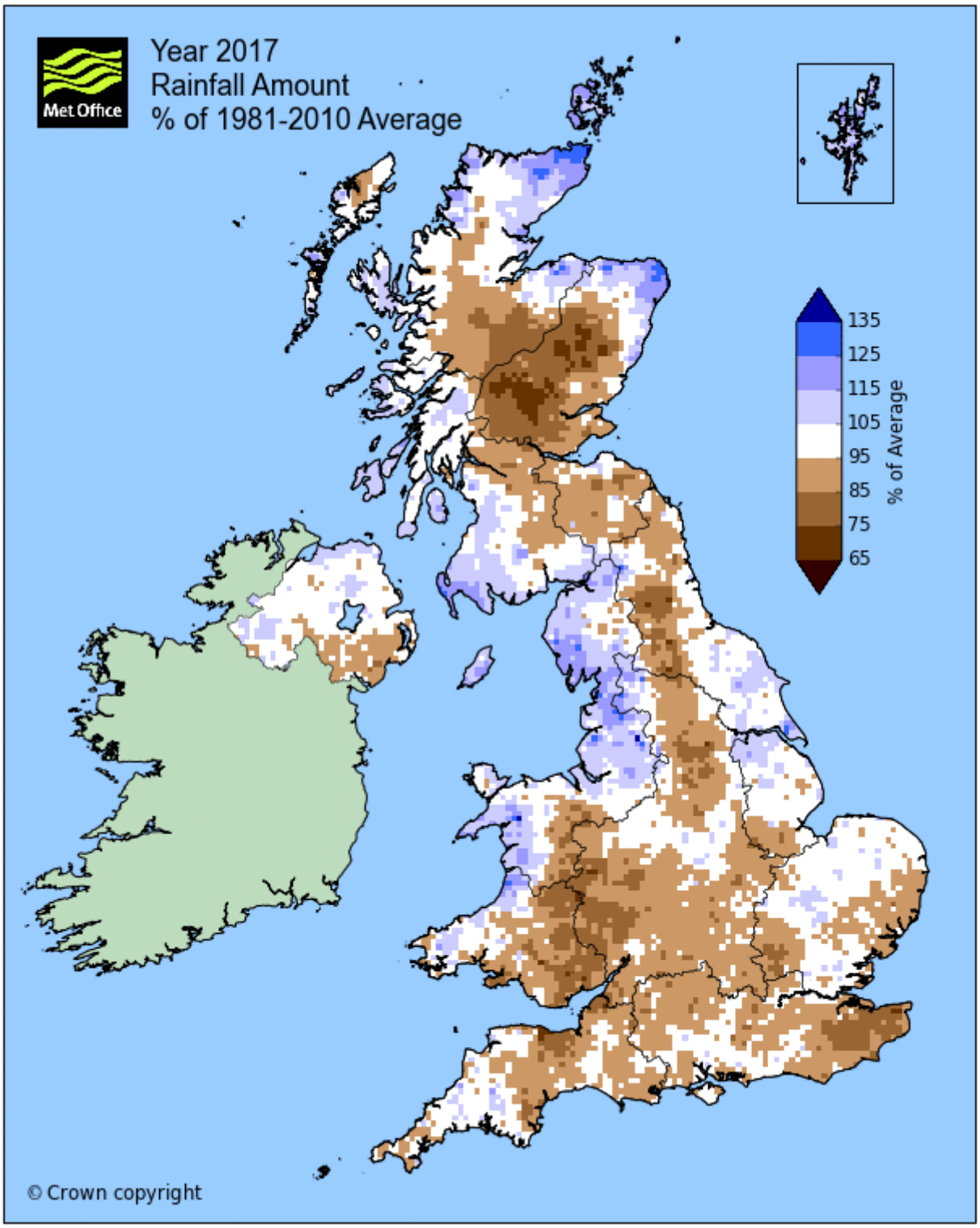
Met Office
Year 2017
Rainfall Amount
% of 1981-2010 Average
135
125
115
105
95
85
75
65
% of Average
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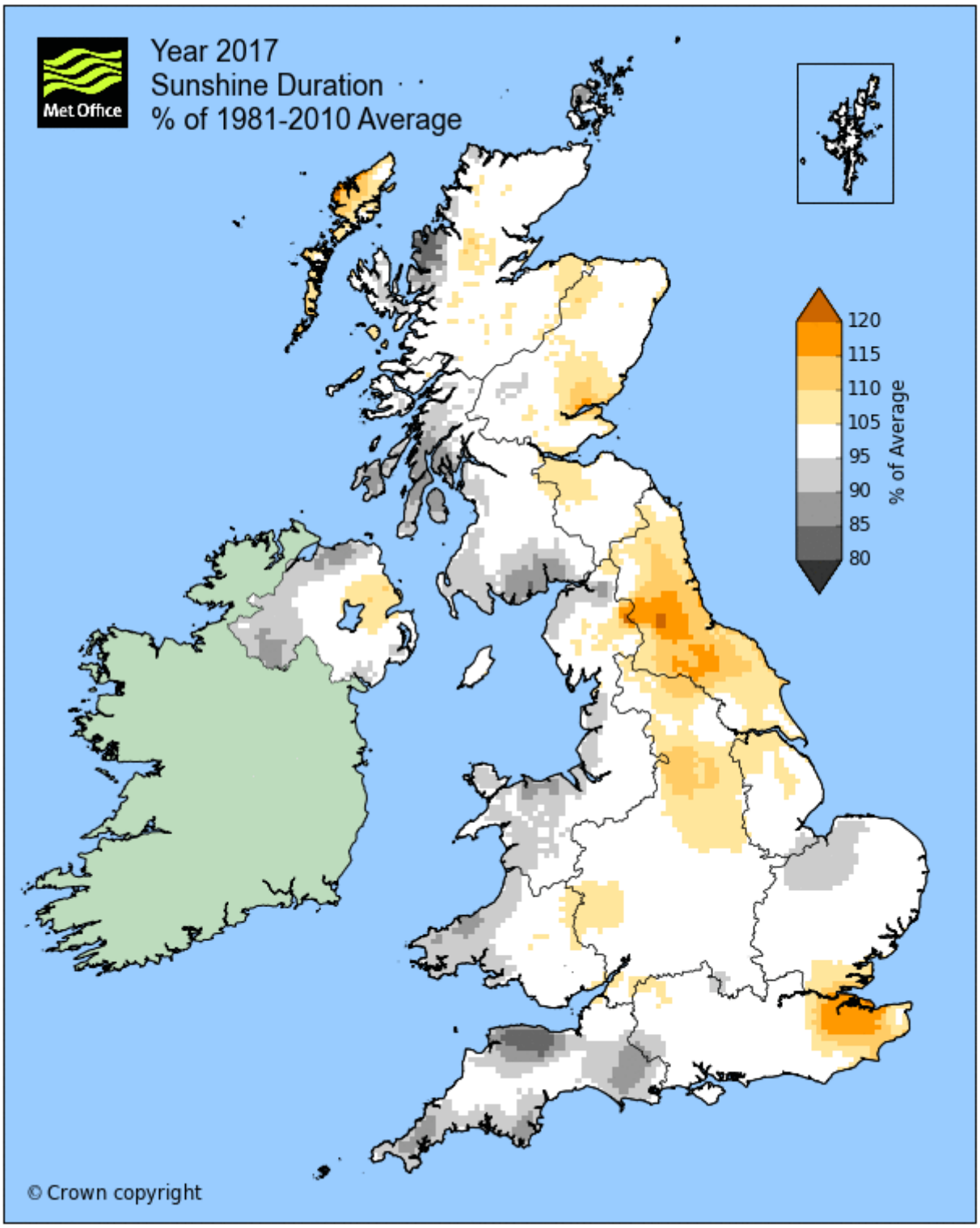

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